

# STORAGE BATTERY

## Lithium Iron Phosphate

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### 1. Long Lifespan

- Over 5000 cycles (0.5C, 25°C).
- Maintenance-free design, more economical throughout its lifecycle.
- Reduced replacement frequency, lowering resource consumption.

### 2. Efficient Energy Storage

- Easy to install and move, saving storage space.
- High energy reserve, supports multiple devices.
- Versatile applications: from home backup to electric vehicles.

### 3. Fast Charging & Discharging

- Quick charging for improved usage efficiency.
- 200A high-current output, suitable for UPS or industrial equipment.
- High-frequency adaptability, maintaining stable power supply.

### 4. Safe & Durable

- Strong adaptability to all environments, meeting various needs.
- Eco-friendly design, minimizing environmental impact.



# PRODUCT PARAMETER

Model	X12-205-075P1CV1	X12-280-075P1CV1	X24-205-075P1CV1
Cell Type	LFP	LFP	LFP
Rated Capacity	205Ah	280Ah	205Ah
Nominal Voltage	3.2V	3.2V	3.2V
Battery Configuration	1P4S	1P4S	1P8S
Total Product Weight	$\leq 19.8 \pm 0.5\text{kg}$	$\leq 25.5 \pm 0.5\text{kg}$	$\leq 36.6 \pm 0.5\text{kg}$
Operating Voltage Range	10V~14.6V	10V~14.6V	20V~29.2V
Operating Temperature Range	Charge:0°C~+55°C Discharge:-20°C~+55°C	Charge:0°C~+55°C Discharge:-20°C~+55°C	Charge:0°C~+55°C Discharge:-20°C~+55°C
Nominal Voltage	12.8V	12.8V	25.6V
Nominal Capacity	205Ah	280Ah	205Ah
Max.Charging Current	150A	150A	150A
Max.Discharging Current	200A	200A	200A
Cycle Life	$\geq 5000$	$\geq 5000$	$\geq 5000$
Dimensions (mm) (L*W*H)	384*194*274	384*194*274	523*269*225

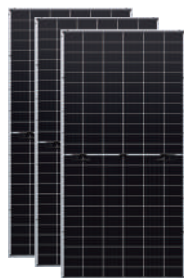
# PREMIUM SYSTEM SOLUTION



## SET A

**12.8V\*205Ah\*1**

- Efficient System, Enhanced Reliability.
- Simplified Installation and Maintenance.
- High adaptability.
- Eco-Friendly and Energy-Saving.



Solar  
1.65kW=550W\*3



Inverter  
1.2kW\*1

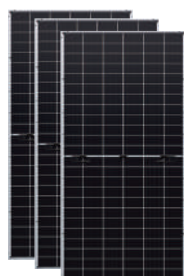


Battery  
12.8V\*205Ah\*1

## SET B

**12.8\*280Ah\*1**

- Efficient System, Enhanced Reliability.
- Simplified Installation and Maintenance.
- High adaptability.
- Eco-Friendly and Energy-Saving.



Solar  
1.65kW=550W\*3



Inverter  
1.2kW\*1

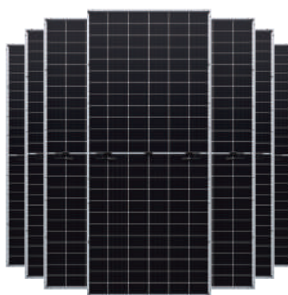


Battery  
12.8V\*280Ah\*1

## SET C

**25.6V\*205Ah\*1**

- Efficient System, Enhanced Reliability.
- Simplified Installation and Maintenance.
- High adaptability.
- Eco-Friendly and Energy-Saving.



Solar  
3.85kW=550W\*7



Inverter  
3.6kW\*1

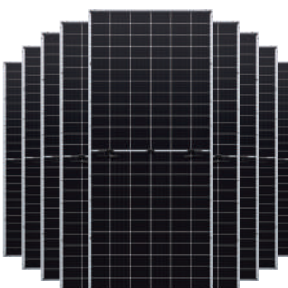


Battery  
25.6V\*205Ah\*1

## SET D

**25.6V\*205Ah\*2**

- Efficient System, Enhanced Reliability.
- Simplified Installation and Maintenance.
- High adaptability.
- Eco-Friendly and Energy-Saving.



Solar  
5.5kW=550W\*10



Inverter  
5kW\*1



Battery  
25.6V\*205Ah\*2